Transportation Information Systems

PEO TIS ILS FC/GC NMIB/Site Survey

Fort Buchanan

February 26, 2007

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Purpose

- **Provide an overview of the TC-AIMS II requirements, development strategy, and the US Army deployment business process supported by TC-AIMS II Block 2 (Unit Move).**
- **Outline the US Army TC-AIMS II Basis of Issue that validates the equipment distribution plan.**
- **Validate the TC-AIMS II training distribution plan and proposed schedule.**
- **Initiate Memorandum of Agreement (MoA) process, develop draft document and coordinate key milestones for completion that identify support to be provided by gaining installation.**
- **Schedule of activities leading to training and identifying outstanding issues and concerns.**
- **Conduct workshops.**

NMIB/Site Survey Schedule

Date	Time	Activity	Personnel to Attend
Day 1 **26 Feb**	0900-1200 1300-1700	Fielding Command/Gaining Command NMIB in Briefing/Fielding Process General Questions	ITO, DOIM, BDE, FORSCOM, NGB, USARC, Force Mod Rep and Key AC Units, ATTRS Manager
Day 2 **27 Feb**	0900-1200 1300-1700	Workshop; Distribution Plan, Training Allocation Plan, MOA Draft Proposal	ITO, DOIM, BDE, FORSCOM, NGB, USARC, Force Mod Rep and Key AC Units
Day 3 **28 Feb**	0900 – 1700	Business Process Meeting	**BPM**; ITO, Bde, FORSCOM, NGB, USARC, Key Units Personnel
	0900 – 1700	Site Survey	**SS;** Force Mod Rep, DOIM
Day 4 **1 Mar**	0900 – 1700	Business Process Meeting	**BPM**;ITO, Bde, FORSCOM, NGB, USARC, Key Units Personnel
	0900 – 1700	Site Survey	**SS;** Force Mod Rep, DOIM
Day 5 **2 Mar**	TBD	Out-brief and General Discussion	FORSCOM, NGB, USARC and PMO Staff

Agenda

- Conduct FC/GC and NMIB Briefing
- Conduct Workshops (AC, USARC and USARNG)
- Develop Memorandum of Agreement (MOA)
- Conduct Business Process Meeting (FORSCOM)
- Conduct Site Survey

PM
Transportation Information Systems

TIS PMO Focus

Mission:

Develop, field and support enterprise information systems for the joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System

AALPS
(ACAT IV)
Automated Airload Planning System

Army Legacy Systems

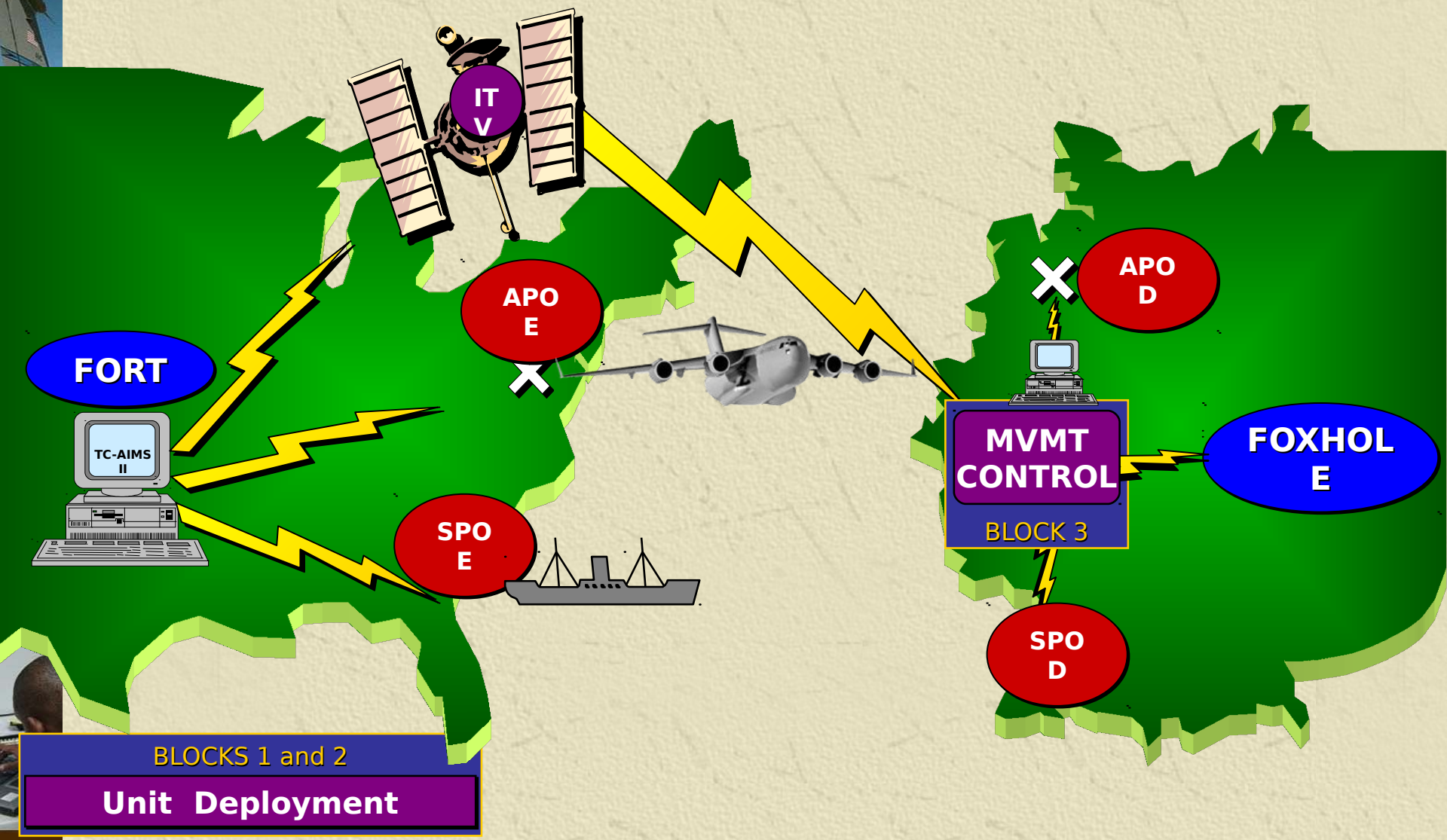
TC ACCIS
Transportation Coordinators Automated Command and Control Information System

TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

DAMMS-R
Department of the Army Movement Management System-Redesign

Requirements and Acquisition Strategy

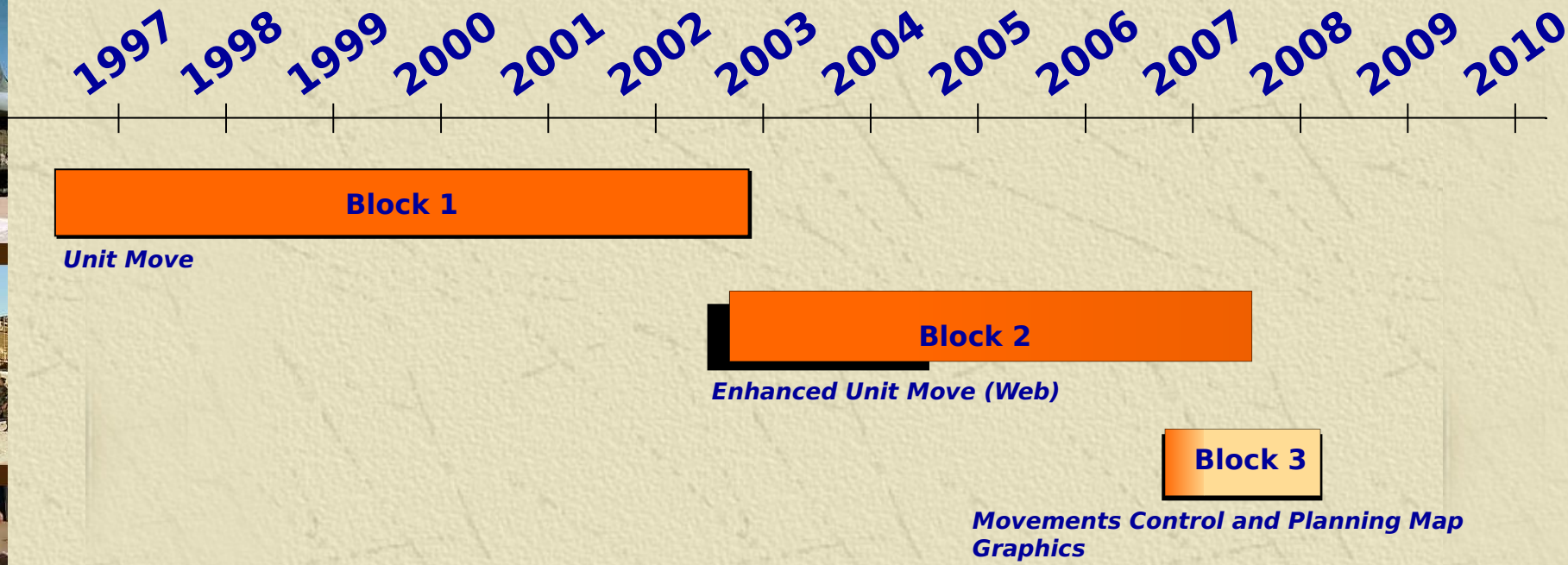
Operational View



BLOCKS 1 and 2

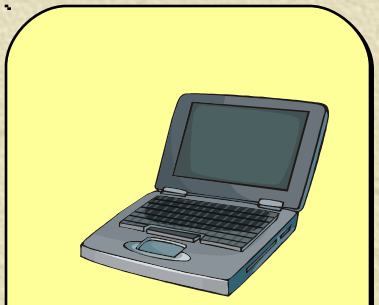
Unit Deployment

TC-AIMS II Acquisition Structure
(Funded Across POM)



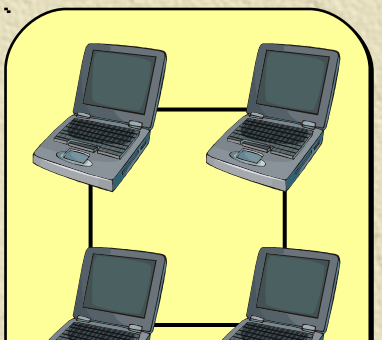
TC-AIMS II
Unit Movement Capabilities

Versatile System



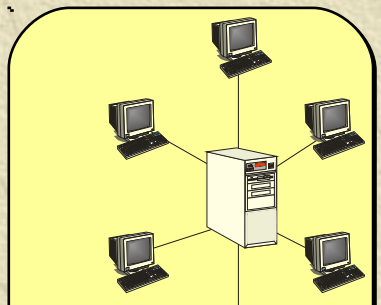
Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases



Workgroup

- TC-AIMS II machines connected as a workgroup supports client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components

Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Enhanced context sensitive help

TC-AIMS II
Information Assurance

Information Assurance

- System accredited as sensitive but unclassified.
- Has certificate of network worthiness.
- Generic SOP for local adaptation.
- Requires UAM for user TIS accounts.
- ACERT process
  - TIS will test and post results on web site https://www.tis.army.mil/help.htm
  - Local SA will apply to local boxes
  - TIS will apply to enterprise
- Will provide download site for documentation within 30 days.

TC-AIMS II
User Account Manager (UAM)

- **Vital** to the success of training
- Manages all User Accounts within installation or organization
- Suggested not lower than Brigade level
- Designated by Commander (O6 or higher)
- Responsibilities:
  - Creates TIS User accounts
  - Creates TIS User Job Profile
  - Tracks all user's status, constantly keeping system current
  - Modifies, deletes, and adds all accounts
- Identified to TIS during NMIB/Site Survey
- Training:
  - TCAIMSII Net System/Database Administrator required
  - TCAIMSII Unit Move I recommended
  - https://www.tis.army.mil/library

Key Players in Local User Account Management

Local Administrators

To positively identify users; create TIS accounts; create user application profiles; and manage user accounts for a defined set of units (UICs)

- Meet IT Category II requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive Identification performed by TIS fielding team during NMIB/Site Survey
- Attend local administrator workshop during NMIB/Site Survey

Unit Commander

(or designee) of specific military unit that can authorize access to TIS application and verify roles/responsibilities for access and use of unit data within TIS applications

User Qualifications

- Meet IT Category III requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive identification performed by local administrator

Position Category	Civilian	Military	Contractor	Non-U.S. Citizen *
IT-I (SA/IA)	SSBI	SSBI	SSBI	SSBI, if approval granted
IT-II (SA/DBA)	NACI	NACLC	NACLC	NACLC
IT-III (Users)	NACI	NAC	NAC	NAC

TC-AIMS II
Basis of Issue Plan and System Support

TC-AIMS II Typical Unit Move Hardware Distribution

Interrogator Set
J99233 AN/TYQ-95

Work Station
C27435 AN/TYQ-129(V)2

Server
C27367 AN/TYQ-129(V) 1

Label Printers
(Desktop and Portable)

RF Interrogator

Laser Printer w/ each Workstation

751G Portable Data Terminal

TC-AIMS II Workstation
(with Laser Printer)

TC-AIMS II Server
(Transportation and Logistics Units only)

Separate Company

Company HQ

w/Printer

Battalion Level

S-3

w/Printer

S-4

w/Printer

Brigade Level and Higher

S-3

w/Printer

S-4

HHC

w/Printer

Training

Block 2 Training Courses

- TCAIMSII Unit Move I User Course
  - 9 training days per class
  - 20 students per class
  - Unit Movement Officers
- TCAIMSII Unit Move II User Course
  - 9 training days per class
  - 20 students per class
  - Battalion, Brigade, and ITO Unit Movement Coordinators
- TCAIMSII System/Database Administrator Course
  - 5 training days per class
  - Max. 10 students per class

TCAIMSII Unit Move I
Course Overview

- **Course will train basic TC-AIMS II concepts for:**
  - Fundamentals of Deployment
  - Maintaining unit equipment and personnel assets
  - Creating Unit Deployment List for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
- **Course focus areas:**
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy
    - Reviewing data at various points in the deployment process
    - Practical exercise for Asset Management using unit data (aka data completion)

TCAIMSII Unit Move II Course Overview

- **Course will train basic TC-AIMS II concepts for:**
  - Fundamentals of Deployment
  - Creating and executing movement plans for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
  - Processing imports and exports from other systems
  - Reviewing movement data during the deployment process
- **Course focus areas:**
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy reviews

Interactive Multi-Media Training Approach

- Multimedia Training
  - Provides hands-on, self-paced, online training
  - May be accessed from the application via help facilities or in a standalone mode
  - Used as a refresher for trained operators
  - Can be used for new operator under direction of trained supervisor

Deployment Exercise

- Provides a collective training exercise for users to work in their respective roles with installation or area business process with PMO provided SMEs as exercise leaders and mentors.
- Intended to train key users on how to conduct their own collective training.
- Provides installation an opportunity to validate its intended deployment process.
- Includes a scenario, procedures, checklists and descriptive information to exercise the pre-deployment, deployment, and re-deployment of a Brigade size element.

Deployment Exercise Participants

SBT Participant	# Players	Role Players	Unit
ITO	3	OPS, FREIGHT	
CORPS HQS	1	SUPPORTING HQS	
COSCOM HQS	1	SUPPORTING HQS	
COSCOM BN	1	SUPPORTING HQS	
COSCOM UNIT	1	DEPLOYING UNIT	
COSCOM MCT (PORT)	1	DEPLOYING UNIT	
CORPS SEP HQS	1	SUPPORTING HQS	
CORPS SEP BN	1	DEPLOYING UNIT	
CO OF CORPS SEP BN	1	DEPLOYING UNIT	
DIV HQS	1	SUPPORTING HQS	
DIV BDE	1	DEPLOYING UNIT	
DIV BN	1	DEPLOYING UNIT	
DIV CO	2	DEPLOYING UNIT	
USAR RRC	1	SUPPORTING HQS	
USAR UNIT	1	DEPLOYING UNIT	
NCARNG STARC	1	SUPPORTING HQS	
NCARNG UNIT	1	DEPLOYING UNIT	

Specific units to be coordinated during NMIB/Site Survey

On-line Training Administration

Army Training Requirements and Resources System (ATRRS)

School code: 026

School name: Transportation Information School

Why ATRRS?

- Early determination for changes to training schedules based on student load
- Provide a record that commanders can review to determine who has been TC-AIMS II trained
- Verify student training attendance for calculating promotion points
- Increase attendance from the 30% to 50% levels that occurred with registration at the local level

- **Provides course information, including training requirements**
  - Manages class schedule
  - Allocates class quotas
  - Makes seat reservations
  - Records student attendance

Specific class quotas to be determined during workshops

ATRRS Registration Standards

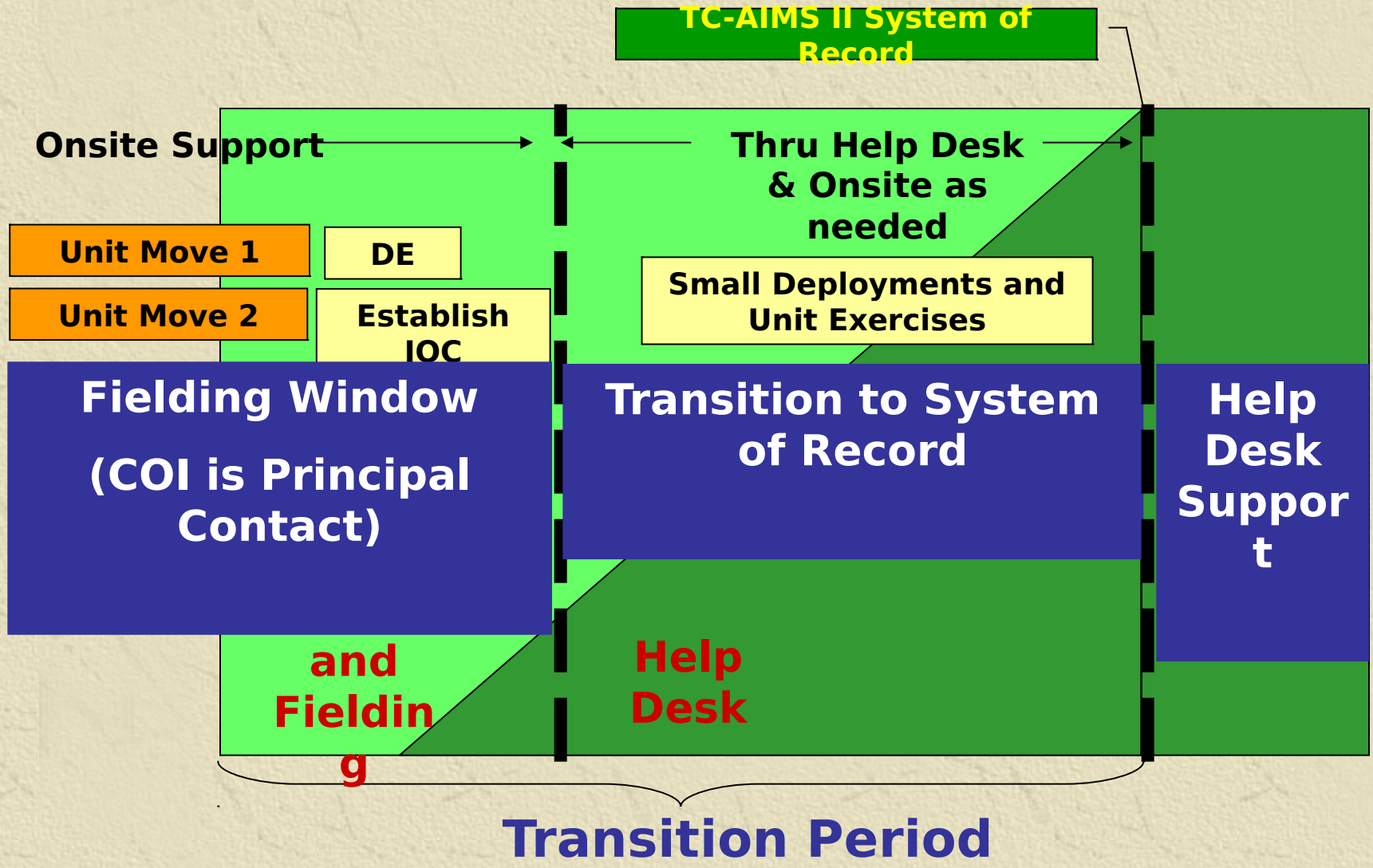
- **60 Days** prior to class start - **Classes 30% filled.**
  - If not, notice from TIS Training Coordinator to POCs.
- **45 Days** prior to class start – **Classes 50% filled.**
  - If not, notice from TIS Training Coordinator identifying potential consolidations or cancellations.
- **30 Days** prior to class start – **1st month's classes 70% filled with 100% registered students having Enterprise accounts requested and VARs on file with the TIS Security Manager.**
  - If not, notice from TIS Training Coordinator identifying consolidations and cancellations
- **30 Days** prior to subsequent class start – **Classes 70% filled with 100% registered students having Enterprise accounts requested and VARs on file with the TIS Security Manager.**

Preliminary Training Allocations

Components	TCAIMSII Net System/Database Administrator	TCAIMSII Unit Move I	TCAIMSII Unit Move II
Active Army	1	2	51
National Guard	2	25	24
Reserves	2	30	26
Total Students	***3***	***57***	***83***
Total Classes	***1***	***3***	***3****

TC-AIMS II
Fielding Process

Transition to System of Record



Fielding Planning Process

Calendar of Events

Action	Start Date	End Date
FCGC/Pre-site Survey	26 Feb 2007	2 Mar 2007
FORSCOM/DPMO BP Workshop	26 Feb 2007	2 Mar 2007
Staff Draft MOA Before NMIB	26 Feb 2007	2 Mar 2007
Installation NMIB/Survey	26 Feb 2007	2 Mar 2007
Finalize MOA	12 Mar 2007	6 Apr 2007
Initial Equipment Set Up and Testing	11 Jun 2007	25 Jun 2007
Hardware Required Delivery Date	10 Jun 2007	N/A
Establish Job Profiles (User Account)	19 Mar 2007	26 Mar 2007
Student Name and ATRRS Registration	1 Apr 2007	Jun 2007
Identify Deployment Exercise Participating Units	1 Apr 2007	16 Apr 2007
TCAIMSII Unit Move I (3) and TCAIMSII Unit Move II (3)	25 Jun 2007	31 Aug 2007
TCAIMSII Net System/Database Administrator (1)	19 Aug 2007	24 Aug 2007
Data Completion	4th day of TNG	
Deployment Exercise	27 Aug 2007	31 Aug 2007

Upcoming Fielding Milestones

- PMO TIS order equipment 90 days prior to first training class.
- Register students in ATRRS at least 30 days before training class.
- UAM submit bulk registration for users NLT 60 days prior to the start of training.

Workshop

Workshop Participants

- CSS/AMO
- Logistics Officer
- Director of Logistics (DOL)
- TC ACCIS Manager
- RRC representative
- Force Integration Officer
- Mobility Warrant Officer
- Joint Forces HQ (JFHQ) representative
- Installation Transportation Officer (ITO)
- Director of Information Management (DOIM)
- Major unit training coordinator (AC, RC, NGB)

Workshop

- Identify equipment distribution and organization structure by UIC
- Capture MOA information
- Identify shipping location
- Data completion requirements
- Training schedule and student load
- Identify units to participant in Deployment Exercise
- Local admin workshop requirements
- Identify facilities for equipment storage and setup
- Identify user and student qualification and registration
- Identify necessary detail to assist in equipment setup

TIS Key Personnel

https://www.tis.army.mil/

Project Manager

Mr. Lee De Armond 703.752.0755

Deputy Project Manager

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Mr. Frank Taraborelli 703.752.0759

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Mr. Bill Dunn (USA) 703.752.0854

Chief, IT Operations

Mr. Jon Kotecki 703.752.6048

IT Support Manager

Mr. Daniel Sheffield 703.752.0859

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